SUB D1

a dielectric layer in contact with said first electrode and said barrier layer; and

a second electrode in contact with said dielectric layer, wherein at least one of said first and second electrodes comprises an oxygen annealed photo-decomposed platinum group metal film.

80. (Twice Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises PT.

contd C1

81. (Twice Amended) The capacitor according to claim 79, wherein said first electrode comprises said oxygen-annealed photo-decomposed platinum group metal film.

82. (Twice Amended) The capacitor according to claim 81, wherein said first electrode is a lower electrode.

84. (Amended) The capacitor of claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film is essentially free of carbon.

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85. (Amended) The capacitor of claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film is oxidation resistant.

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86. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Rh.

87. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Pd.

88. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Os.

89. (Amended) The capacitor according to claim 79, wherein said oxygen

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annealed photo-decomposed platinum group metal film comprises Ir.

90. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Au.

Cont'd C1

91. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Ag.

92. (Amended) The capacitor according to claim 79, wherein said oxygen annealed photo-decomposed platinum group metal film comprises Ru.